

ABSTRACT

It relates to a photosensitive resin composition for lithographic printing plate characterized by the fact that the photosensitive resin composition for lithographic printing plate comprises not less than 10 % by weight and not more than 90 % by weight of a hydrophilic polymer having at least a hydrophilic group and not less than 0.5 % by weight and not more than 20 % by weight, based on the amount of the hydrophilic polymer, of a compound that inhibits hydrogen bond within the molecule and/or between the molecules of the hydrophilic polymer. The lithographic printing original plate preferable has a hydrophilic resin photosensitive layer obtained by crosslinking a photosensitive resin composition that comprises not less than 10 % by weight and not more than 90 % by weight of a hydrophilic polymer having at least a hydrophilic group and not less than 0.5 % by weight and not more than 20 % by weight, based on the amount of the hydrophilic polymer, of a compound that inhibits hydrogen bond within the molecule and/or between the molecules of the hydrophilic polymer.

An original plate for CTP, which can be handled even in a bright room, is excellent in hydrophilicity, does not require operations of development and wiping-off and hardly brings about scumming even when the amount of the fountain solution is reduced, is provided.